

CLAIMS

What is claimed is:

- 1           1.    A system that can be used to perform an  
2   ophthalmic procedure on a cornea of a patient, comprising:  
3       a patient support that can support the patient;  
4       a light source that can direct a light beam onto the  
5   cornea of the patient; and,  
6       an air flow module that can direct a flow of air above  
7   the cornea of the patient.
- 1           2.    The system of claim 1, further comprising a  
2   portable stand that supports said airflow module.
- 1           3.    The system of claim 1, further comprising a control  
2   console that is coupled to said airflow module.
- 1           4.    The system of claim 1, wherein said patient support  
2   includes a table.

1           5. The system of claim 1, wherein said light source  
2 includes a laser.

1           6. The system of claim 1, wherein said airflow module  
2 create a laminar flow of air.

1           7. The system of claim 1, wherein said airflow module  
2 includes an adjustable blade.

1           8. A system that can be used to perform an ophthalmic  
2 procedure on a cornea of a patient, comprising:

3           a patient support that can support the patient;

4           a laser that can direct a light beam onto the cornea of  
5 the patient;

6           an air flow module that can direct a flow of air above  
7 the cornea of the patient;

8           a portable stand that supports said air flow module;

9 and,

10          a control console that is coupled to said airflow  
11 module.

1        9. The system of claim 8, wherein said patient support  
2 includes a table.

1        10. The system of claim 8, wherein said airflow module  
2 create a laminar flow of air.

1        11. The system of claim 8, wherein said airflow module  
2 includes an adjustable blade.

1        12. A method for performing an ophthalmic procedure on  
2 a cornea of a patient, comprising:

3        directing a flow of air across the cornea;

4        creating a flap in the cornea;

5        moving the flap to expose a portion of the cornea;

6        ablating a portion of the exposed cornea with a laser

7 beam; and,

8        moving the flap back onto the cornea.

1        13. The method of claim 12, further comprising  
2 adjusting a flowrate of the flow of air.

1           14. The method of claim 12, further comprising  
2   adjusting a direction of the flow of air.

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